

### **ABSTRACT OF THE DISCLOSURE**

A remote signaling receiver system includes a receiver that operates in two different modes of demodulation to accommodate different types of signals from different types of transmitting devices. A first demodulator, preferably an ASK demodulator, is adapted to process signals from a signal transmitter that generates a first type of signal. A second demodulator, preferably one that is not sensitive to amplitude modulation such as a FSK demodulator, is adapted to process signals received from at least one other type of device, which provides a second type of signal. A system designed according to this invention is particularly useful as a remote keyless entry system for a vehicle where one or more sensors are provided on the vehicle to provide an indication of a chosen condition of one or more of the vehicle components.

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